CLAIM OR CLAIMS

WHAT IS CLAIMED IS:

1. An improved method of realtime human vision system behavior modeling

5 of the type having spatial modeling to obtain a measure of visible impairment

of a test image signal derived from a reference image signal comprising the

step of temporally processing the reference and test image signals prior to

the spatial modeling to account for temporal response.

10 2. The improved method as recited in claim 1 wherein the providing step

comprises the steps of:

linear temporal filtering the reference and test image signals to

produce reference and test lowpass filter outputs; and

non-linear temporal filtering the reference and test lowpass filter

15 outputs to produce reference and test non-linear filter outputs, the reference

and test non-linear filter outputs being input to the spatial modeling step to

produce the measure of visible impairment.